

DIVERSION PLAN

Landowner _____ Date _____ By _____

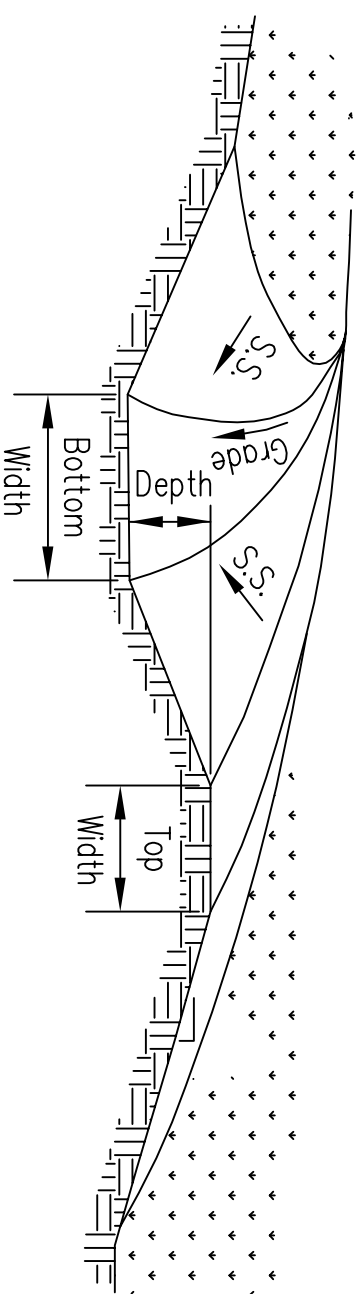
Checked By _____ Approved By _____

DIVERSION CONSTRUCTION SPECIFICATION

1. LAYOUT – Unless otherwise noted on the plan, the stacked line will be used as the centerline of the channel.
2. SITE PREPARATION – All old terraces, fence rows, or other obstructions that will interfere with construction or operation of the diversion will be removed. All dead furrows, ditches, or gullies to be crossed shall be filled in before construction begins or as a part of construction operations.
3. SALVAGING TOPSOIL – When required, the best available soil will be stockpiled for respreading uniformly over the diversion after grading.
4. DIVERSION CONSTRUCTION – The diversion shall not be constructed on a frozen foundation nor will frozen material be placed in the fill. The diversion shall be constructed to be specified lines, grades, and cross sections. All portions of the diversion shall be finished and smoothed as needed. Construction operation will be carried out in such a manner that erosion and air and water pollution will be minimized.

SEEDING SPECIFICATION

1. PREPARE A FIRM SEEDBED – After the diversion has been constructed to design requirements, spread lime and fertilizer uniformly. Incorporate it into the soil to a depth of 3 to 4 inches with a disk or suitable equipment.
2. SEED GRASSES – Place seed 1/4 to 1/2 inch deep in a firm, even seedbed with a corrugated roller-type seeder. A grain drill or broadcast seeder may be used if followed by a corrugated roller or harrow to cover seed. Do not use a disk to cover seed. A companion crop may be seeded at the same time and covered in the same manner.
3. TEMPORARY STABILIZING CROP – Use a temporary vegetative cover when constructed in early summer to stabilize the diversion until a permanent grass mixture can be seeded. Remove the stabilizing crop prior to seeding permanent grasses.
4. MULCH AND ANCHORING – If mulch is required, it shall be applied uniformly and shall be anchored. Hay or straw may be anchored by a corrugated roller, straight disk, a spray coating of emulsified asphalt, or with paper netting. Commercial mulch products such as erosion net, excelsior blankets, or jute will be anchored as specified by the manufacturer.



Diversion Number				
From Station				
To Station				
Grade (%)				
Top Width (Ft)				
Bottom Width (Ft)				
Depth (Ft)				
Side Slope-S.S. (Ft/Ft)				
Length (Ft)				
Average Seeding Width (Ft)				
Seeding Area				

Seeding For _____ Acres

Material	Kind	Lbs/Acres	Total Lbs
Seed			
Companion Crop			
Nitrogen (N)			
Phosphorus (P ₂ O ₅)			
Potassium (K ₂ O)			
Lime			
Temporary Seeding			
Mulch			
Anchor			

LOCATION PLAN

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Section _____ T _____ R _____
_____ County

Seeding Period: _____

Notes: _____